

BRUHATH BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE ELECTRICAL DIVISION

Name of the work :- Detailed estimate for Maintenance of Aerators and related Lightings in Yelahanka old town and Allalsandra lake in ward no 1&4 and ~~Repairs of Electrical Installations to BBMP buildings coming under yelahanka Division~~

Est Cost Rs.100.00 800000.00

Sl. No	SR Page No	Description	Unit	Qty	Rate	Amount
1	Labour Dept	Licenced electricial wiremen with tools (Skilled) Rs.605.56/Person/Day. KAE31LMW 2017 Dated 30-12-2017 Minium Wages and VDA From 01-04-2021 to 31-03-2022	Days	190	605.56	115056.40
2	Labour Dept	Assistant electricial wiremen (semiSkilled) Rs.605.56/Person/Day. KAE31LMW 2017 Dated 30-12-2017 Minium Wages and VDA From 01-04-2021 to 31-03-2022	Days	190	556.53	105740.70
3	Labour Dept	Helper (Assistent) Rs.605.56/Person/Day. KAE31LMW 2017 Dated 30-12-2017 Minium Wages and VDA From 01-04-2021 to 31-03-2022	Days	200	511.97	102394.00
4	xxx/865/2061	Plastic Mug	Nos	4	25.42	101.68
5	xxx/855/2057	Plastic buckets 20 L capacity	Nos	4	101.69	406.76
6	XXXIII/853/2055	Coir Brush	Nos	10	28.57	285.70
7	5/2.3.2	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments.1.5 sqmm	Mtrs	94	20.50	1927.00
8	5/2.3.4	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments.4 sqmm	Mtrs	200	45.00	9000.00
9	25/5.8.4	Supplying of Switch disconnector fuse unit (TPN) HRC type (but without HRC fuses). With AC-23A duty and as per IS- 13947.160Amps	Each	1	5500.00	5500.00
10	25/5.10.1	Supplying and fixing HRC fuse link on existing switch fuse base with watt loss as per IS-13703.Up to 63Amps	Each	11	223.00	2453.00
11	25/5.10.2	Supplying and fixing HRC fuse link on existing switch fuse base with watt loss as per IS-13703.Above 63 Amps to 200 Amps	Each	9	325.00	2925.00
12	26/5.13.3	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947.60 to 70Amps	Each	5	4200.00	21000.00

13	26/5.13.6	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947.160 <i>Amps</i>	Each	2	14300.00	28600.00
14	43/6.17.11	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes 95 Sq mm.	Each	6	145.00 140.00	840.00
15	27/5.14.8	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts, necessary phase separators, handle and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) FOUR POLE 125 Amps 25kA.	Each	4	8250.00	33000.00
16	27/5.17.1	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.6-32Amps SP	Each	15	434.00	6510.00
17	27/5.17.2	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.6-32Amps DP	Each	5	909.00	4545.00
18	27/5.17.9	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.50-63Amps TPN	Each	5	2397.00	11985.00
19	29/5.38	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 230/440v A.C. 50 Hz 12/24v D.C.	Each	6	430.00	2580.00
20	40/6.4.5	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975 3.5 core 25 sqmm	Mtrs	400	180.00	72000.00
21	40/6.4.8	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975 3.5 core 70 sqmm	Mtrs	400	350.00	140000.00
22	41/6.5.7	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required 25 sqmm to 75 sqmm On wall / Structure	Mtrs	350	35.00	12250.00

3	7/2.6.3	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor conforming to IS:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100Volts as per IS-694:1990.3C X 4.0Sq.mm	Mtrs	250	140.00	35000.00
		Total Rs				714100.24
		Add GST 12 % on total Rs				85692.03
		Misscelleneous charges				207.73
		TOTAL				800000.00

CERTIFICATE

1. The Place was inspected and work is essential.
2. The Provision made in the estimate is adequate and are necessary.
3. The Work comes in the BBMP limit and is legitimate charges on the Corporation Funds.
4. The rates in the Estimate is based on PWD(Elec) SR of 2019-20, ~~BBMP SR of 2019-20~~ **KPWD CIVIL SR 18-19**

Asst. Engineer (Elec)

Asst. Exe. Engineer (Elec)

Sub-Division No.

Bruhat Bangalore Mahanagara Palike

EXECUTIVE ENGINEER (ELEC)

YELAHANKA DIVISION

BRUHAT BANGALORE MAHANAGARA PALIKE

Administrative Sanction for Rs. **8,00,000.50**
RUPEES EIGHT LAKH ONLY
 is accorded under **P0298**
 Registered as EE () No. _____ Subject _____
 to be sanctioned in accordance with the BBMP/EE/EE/42/AS/12/21-22
DT 13/8/21
 Executive Engineer

TECHNICALLY SANCTIONED FOR **800000.50**
 Rupees **EIGHT LAKHS ONLY**
 Under **P0298**
 Registered as EE () No. **99**
 Subject to condition **BBMP/EE/EE/42/AS/12/21-22**
 enclosed memo EE () No. **BBMP/EE/EE/42/TS/10/21-22**
 Dt. **13/8/21** A sanctioned **800000.50**
 Dated **13/8/21**
 Executive Engineer